

On the Reflection of Radio Impulses from the
Ionosphere, by V. L. Ginzburg, 15 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, 1943,
Vol VII, No 4, pp 114-133.

SLA 59-20361

Sci

Feb 60

Vol 2, No 12

107,961

Some Questions in the Physics of Ionospheric and
Geomagnet Disturbances and Related Questions in
Ak Astrophysics, by M. S. N. Gnevyshev, 17 pp.

RUSSIAN, Bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol.
VII, No 4, 1943, pp 134-144.

ATIC F-TS-9092/V

Sci - Geophysics
Mar 1957 CTS

45,069.

Perturbation of Radio Wave Fronts Due to Coastal
Effect and Propagation Over Inhomogeneous Ground, by
E. L. Feinberg, 12 pp. UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol VII,
No 5, 1943, pp 167-176.

ATIC F-TS-8141

USSR

Scientific - ~~738728~~ Electronics

7384
Dec 53 CTS

CIA 2008212

ATIC 126838

On a Method for Solving Problems of
Electromagnetic Wave Propagation Over
the Earth's Surface, by M. Leontovich.
RUSSIAN, per, Izv AN SSSR, Ser Fiz,
Vol 8, No 1, 1944, pp 16-22.
Dept of Navy APL/JHU T-2212

Sci-Phys
May 69

380,941

Currents in the Ionosphere Causing Variations in
the Earth's Magnetic Field, by I. E. Tamm, 18 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol VIII,
No 2, 1944, pp 30-41.

ATIC F-TS-9093/III

Sci - Geophysics
Mar 1957 CTS

45,068

Propagation of Radiowaves Along on Actual Surface,
by E. L. Feinberg, 38 pp. UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol VIII,
No 3, 1944, pp 109-131.

ATIC F-TS-8142

USSR

Scientific - Electronics

CIA 2008213

REF 53 C13
ATIC 126840

7385

IAN, Ser Phys

Vol 8, # 5, pp 1-5 (1944)

New Photoelectric Cells with Sb-Cs Cathodes

N. S. Klebnikov
A. E. Helander

CAOs Microfilm

CIA #513230

5 pp - 4 diag
(Cps) in files)

Spivak, G. V. and Repkova, O. N.
BEHAVIOR OF AN ELECTRON-ION PLASMA IN A
MAGNETIC FIELD. [1963] [9]p. 9 refs.
Order from OTS or SLA \$1.10 63-14479

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya
Fizicheskaya, 1944, v. 8, no. 5, p. 275-279.

DESCRIPTORS: *Plasma physics, *Gas discharges,
*Magnetic fields, Charged particles, Electrons,
Energy, Distribution, Magnetic properties, Analysis

(Physics--Electronics, TT, v. 10, no. 2)

63-14479

I. Spivak, G. V.
II. Repkova, O. N.

Office of Technical Services

62-28094

Khlebnikov, N.

PHOTOCATHODES COMPLEXES (Complex Photocathodes). 8p.

Order from OTS, ETC or CNRS \$0.80 62-28094

Trans. in French of Akademiya Nauk. Izvestiya,
Seriya Fizicheskaya, 1944, v. 8, no. 3, p. 286-289.DESCRIPTORS: *Photoemission, *Cathodes, Antimony
alloys, Cesium alloys, Semiconductors, Secondary
emission, Oxygen, Silver alloys, Theory.

(Physics--Solid State, TT, v. 10, no. 7)

- I. Khlebnikov, N.
- II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Iz Ak Nauk SSSR, Seriya Fiz
Vol 8, page 346-51 (1944)

Electronic Devices With Effective Emitters of
Secondary Electrons. by R. M. Aranovich.

AEC Trans (avail. Brookhaven)

The Effect of Strong Electric Fields on Secondary
Electron Emission From Thin Dielectric Films, by
D. V. Zernov, 9 pp.

RUSSIAN, per, Ex Iz Ak Nauk SSSR, Ser Fiz, Vol VIII,
1944, pp 352-356.

AEC Tr 2555

SLA RT-4572

Sci - ~~Electronics~~ *Physics*

Nov 56 CTS

40,429

OTD TT-62-28095 (RUSSIAN to FRENCH)

Electronic Devices With Effective Emitters of
Secondary Electrons, by H. M. Aranovich.

by H. M. Aranovich, Sec 419
RUSSIAN, per, Bulletin of the Academy of Sciences,
Physics Series, Vol VIII, 1944.

AEC Tr

Scientific - Electronics

12,809

L. I. Mandel'shtam and the Theory of Non-Linear
Vibrations, by A. A. Andronov, 53 pp.

RUSSIAN, bimo per. Iz Ak Nauk SSSR, Ser Fiz, Vol IX,
No 1-2, 1945, pp 30-55.

Sci Trans Center RT-103 ?

SLA. notes

Scientific - Physics

Jan 54 CTS

8682

Chulanovskii, V. M. and Penkin, N. P.
INVESTIGATION OF THE POLYMERIZATION OF
STYRENE BY ABSORPTION SPECTRA IN THE NEAR
INFRARED REGION. [1961] 6p.

Order from OTS or SLA \$1.10

61-18355

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya
Fizicheskaya, 1945, v. 9, p. 206-210.

DESCRIPTORS: *Polymerization, *Styrenes, *Absorp-
tion, Chemical reactions, Spectrographic analysis,
*Infrared spectroscopy.

A discussion of the suitability of infrared analysis for
following up reactions such as polymerization of
styrene and some data intended only to confirm the
suitability of this method are reported. The thickness
of the sample is most favorable at which the ratio of
the amount of light passing through the sample unab-
(Physics--Spectroscopy, TT, v. 6, no. 10) (over)

61-18355

I. Chulanovskii, V. M
II. Penkin, N. P.

187262

Office of Technical Services

61-18354

Bazhulin, P. A.
RAMAN SPECTRA OF INDIVIDUAL HYDROCARBONS.
[1961] 4p. 4 refs.
Order from OTS or SLA \$1.10

61-18354

I. Bazhulin, P. A.

Trans. of Akademiya Nauk SSSR, (Izvestiya, Seriya
Fizicheskaya, 1945, v. 9, p. 222-224.

DESCRIPTORS: *Hydrocarbons, Spectrographic analysis,
*Raman spectroscopy, *Naphthenes.

Raman spectroscopical studies of mixtures of synthesized paraffins and naphthenes are briefly related, on the basis of which some of the most characteristic Raman spectrum lines of several hydrocarbons usually found in the fractions 55°-65° and 85°-90° C have been identified. (Author)

187261

(Physics--Spectroscopy, TT, v. 6, no. 10)

Office of Technical Services

Kvater, G. S.

Absolute Intensity Lines of Yellow Sodium Doublet.

RUSSIAN, per, Iz Ak Nauk S. S. S. R. Ser Fiz., Vol IX,
1945, pp. 235-237. ~~440~~

(45 articles)

✓
*PL 480

OTS 61-11437

Nov 61

Optical Transitions, Probable, &
Collection of Russ articles,
1924-1960, 470 pages

Photoluminescence of Solutions by S. I. Vavilov
30 pp.

RUSSIAN, per, Izvest Akad Nauk SSSR, Ser. Fiz.,
1945, No 9, 283-304. 9213918

AEC-tr-5919

Sci - Phys
Oct 63

The Luminescence of Solutions of Salts of the Rare
Earths, by A. N. Zaidel, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol IX,
1945, pp 329-334.

AEC Tr-5112

Sci - Phys
Aug 62
List 71

206,074

The Luminescence of Crystalline Substances, by
V. L. Levshin, 25 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol IX,
1945, pp 355-368. 9089549

AEC Tr-5110

Sci - Phys
Jul 62

211,396

Spectrum Analysis of Elements Difficult to Excite, by
V. K. Prokof'ev, 15 pp.

RUSSIAN, Izvest Ak Nauk SSSR, Fiz Ser, Vol IX, No 6,
1945, pp 691-698.

SLA R-1163

Sci

Jun 58

65,867

Nonstationary Processes in Resonance and Band
Amplifiers, by A. N. Shchukin.

RUSSIAN, per, Izvestiya, An USSR, ~~Phys~~ Ser,
Vol X, No 1, 1946, pp 37-48.

Morris D. Friedman

Electronics
Sci - ~~Phys~~
Aug 58

68,918

On a Method of Combatting Impulse Interference in
Radio Reception, by A. N. Shchukin.

RUSSIAN, per, Iz Ak Nauk SSSSR, Ser Fiz, Vol X,
No 1, 1946, pp 49-56.

MIT Lincoln Lab

Sci - Electron

Jul 58

67,149

The Role of Coagulation in the Origin of
Lightning Discharges. I., by Ya. I. Frenkel,
N. G. Shishkin, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol X,
No 4, 1946.

SLA 59-15564

Sci
Dec 59
Vol 2, No 4

103,093

IZV AK NAUK SER FIZ Vol X, No 5/6

May 1946

10 pp

"Elementary Law of Decay of 'Crystalline' Luminescence"

E. I. Adirovich

NPL Translation No 204

17-1001

12T81

IZV AK NAUK SER FIZ VOL X, No 5/6

May 1946

4 pp

"New Industrial Method of Growing Corundum Crystals"

S. K. Popov

NFL Translation No 137

RF-999

12T78

IZV AK NAUK SER FIZ Vol X, No 5/6

May 1946

28 pp

"The Magnetic Spectrograph"

V. V. Gey, G. D. Latyshev

CD 2685.1A

Requested from Dept of Navy Ltr. dated 2 Dec. 1947

English version of this item available in

Journal of Physics, Vol X, No 5 (1946)

12T82

On Recombination of Phosphorescence, by V. V.
Antonov-Romanovskiy, 16 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Ser Fiz,
Vol X, 1946, pp 477-487: 9201244

9202261

AEC UCRL Tr 852(L)

Sci - Phys

Jan 63

219,484

Determination of the Effective Height of the
Luminescence of the Night Sky, by V. G. Pesenkov,
33 pp.

Full tr

RUSSIAN, per, iz Ak Nauk SSSR, Ser Fiz, Vol XI, No 1,
Moscow, 1947, pp 19-38.

ATIC-F-TS-8842/III

Scientific - ~~English~~ *Astronomy*
CTS/Dex
Aug 45 56

37,981

IZV AK NAUK FIZ Vol. XI, No 2

Feb. 1947

8 pp

"Evolution of Views on the Structure of the Ionosphere"

V. N. Kessenikh

Done by Navy
NRL Trans. No. 274

Sci Jr Cont RT 32

8T113

Radiation of Microwaves and Their Absorption in
Air, by V. L. Ginzburg, 23 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
No 2, 1947, pp 165-182.

Sci Trans Center RT-399

Scientific - Physics
CTS/DEX

10,898

Vapor Pressure and Solubility of the
Aqueous Reciprocal System $2\text{NaCl} \cdot \text{MgSO}_4$
 Na_2SO_4 MgCl_2 at 25° , 32 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz
Khim, Vol XV, 1947, pp 234-265.

ATS-76M4OR

Sci
Vol IV, No 7
Apr 62

An Investigation Into the Purification of Platinum,
by A. L. Khoifitz, by S. M. Katchenkov.
UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
No 3, 1947, pp 301, 302.

RAE 756

Sci - Chem
Nov 58

76,893

Spectral Determination of Certain Metalloids, by
H. S. Sventitskiy, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
1947, pp 319-325.

AEC Mp Tr 230

Sci - Phys

May 59

87, 876

" Polarization of the Lines of
ra of CH-Groups in Paraffins, by
shinsky, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
1947, pp 341-344.

CIA/FDD XX-216

NOT RELEASABLE TO FOREIGN & Nationals

Sci - Chemistry; Physics

Sep 56

IAC INTERNAL USE ONLY

39,273

A Photometric Method for the Determination of the
Form and Breadth of the Spectral Lines, by
M. M. Sushchinskiy, 9 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XI, 1947, pp 348-352.

CIA/FDD XX-219

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics

Sep 56

IAU INTERNAL USE ONLY

39,277

Optical Method of Investigation of Hydrocarbons
The Raman Spectra of Alkanes, by P. A. Bashulin,
Kh. B. Sterin, 8 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XI, 1947, pp 456-460.

CIA/PDD XX-220
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Top 56
EYES ONLY INTERNAL USE ONLY

39,842

IZ AK NAUK, SER FIZ Vol XI, No 4

Jul/Aug 47

4 pp

"Electron Levels of Naphthalene Molecules and the
Absorption Spectra of Naphthalene and Its Derivatives"

L. A. Blyumenfel'd

Available at Brookhaven
See guide to Russ Sci Per Lit,
Vol 2, No 1, page 41

28T87

IZV AKAD NAUK SSSR, SER FIZ Vol XI, No 6, 1947, $\frac{1}{2}$ p

"Regular Session of Department of Physicomathematical
Sciences of the Academy of Sciences, USSR"

Proj 1426

T.S.

T-10E

SB 235E

57T15

Terrestrial Magnetism, by Ya. I. ^eFr[^]kel, 17 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XI,
No 6, 1947, pp 607-616.

ATIC F-TS-9094/III

Sci - Geophysics
Mar 1957 CTS

45,067

Belov, K.P. and Agasyan, O.N.
VARIATION DE LA STRICTION MAGNÉTIQUE DES
ALLIAGES DU TYPE "INVAR" EN FONCTION DE LA
TEMPÉRATURE (O Temperaturnoi Zavisiimosti
Magnitostriksii Splavov Tipa Invar) (Temperature
Dependence of the Magnetostriction of Invar-Type
Alloys). 19p. (foreign text included) 6refs.
CNRS-X 130.
Order from OTS, ETC or CNRS \$1.60 TT-62-29121

Trans. in French of Akademiya Nauk SSSR, Izves-
tiya, Seriya Fizicheskaya, 1947, v.11, no.6,
p.655-659.

DESCRIPTORS: *Nickel alloys, Deformation, *Mag-
netostriction, Temperature.

(Physics--Magnetism, TT, v. 11, no. 11)

TT-62-29121

I. Belov, K.P.
II. Agasyan, O.N.
III. CNRS-X 130
IV. Centre National de la
Recherche Scientifique,
Paris

Office of Technical Services
European Translations Centre

D'yakov, G.P.
VARIATION DE LA STRICTION MAGNÉTIQUE DU
NICKEL EN FONCTION DE LA TEMPÉRATURE
(O Temperaturnoi Zavisimosti Magnitostriktzii
Nikelya) (Temperature Dependence of the Magne-
tostriction of Nickel). 24p. (foreign text included)
9refs. CNRS-X 131.
Order from OTS, ETC or CNRS \$2.60 TT-62-29119

Trans. in French of Akademiya Nauk SSSR. Izves-
tiya, Seriya Fizicheskaya, 1947, v. 11, no. 6,
p. 667-675.

Another trans. is available in English from SLA
as RT-376, 16p

DESCRIPTORS: *Nickel, *Magnetostriction,
Temperature

(Physics--Magnetism, TT, v. 11, no. 11)

TT-62-29119

- I. D'yakov, G.P.
- II. CNRS-X 131
- III. Centre National de la
Recherche Scientifique,
Paris
- IV. RT-376

Office of Technical Services
European Translations Centre

Chapter 13: Methods for Rapid Computation of
Frequencies of Complex Molecules, by B. I.
Stepanov, pp 624 - 758. UNCLASSIFIED

RUSSIAN, por, In Ak Nauk SSSR. Ser. Fiz. Vol XI, 1947.

AND F-TS 7334-RK

Scientific - Physics

Jul 52 CTS DEX

CIA 819124

IZV AKAD NAUK SSSR, SER FIZ Vol XII, No 1, 1948, 6 pp

"Research on Radio Emission from the Sun during the Total
Solar Eclipse of 20 May 1947"

S. E. Khaykin
B. M. Chikhachev

NRL translation 183
See 55T80

39T101

Investigation of the Ionospheric F_2 Layer During
the Total Eclipse of the Sun May 20, 1947, in
Brazil ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ by Y. L.
Alpert. 8 pp.

RUSSIAN, pers, Iz Ak Nauk SSSR, Vol XII, No 1,
Jan/Feb 48, pp 44-53; Dok Ak Nauk SSSR, Vol LXIII,
No 9, Dec 47.

NRL Tr 185

RT-385

RDB 41

12,765

Scientific - Astronomy

A Quarter Century Ago, by E. Ya. Shchegolev, 14 pp.
UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII, No 1,
1948, pp 25-33.

ATIC F-TS-8143

USSR

Scientific - Electronics, radio engineering

7386

CIA 2008214

ATIC 126841

Mar 53 CTS

Fok, V. A.
PROPAGATION OF THE DIRECT WAVE AROUND
THE EARTH WITH DUE ACCOUNT FOR DIFFRACTION
AND REFRACTION. 9 Jan 50, 28p.
Order from OTS or SLA \$2.60 63-14420

Trans. from Akademiya Nauk SSSR. Izvestiya. Seriya
Fizicheskaya, 1948, v. 12, no. 2.

DESCRIPTORS: *Radio waves, *Propagation, *Diffraction,
*Refraction, Partial differential equations,
Functions, Electromagnetic waves, Ionospheric propagation,
*Numerical analysis.

(Physics--Wave Propagation, TT, v. 10, no. 4)

63-14420

I. Fok, V. A.

Office of Technical Services

Some Reflections on the Twinning of Calcite, by
I. M. Lifshitz, and I. V. Obreimov, 29 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol 12, ^{No}(2),
1948, pp 65-80.

~~IT-115~~

NLL M.2636

Sci Museum Lib No 51/3153

Optical and Photo-Electrical Properties of
Antimony-Caesium Cathodes, by N. D. Morgulis.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII,
No 2, 1968, pp 125-143.

OSIR LIU RTS 1504

Sci - Phys

Aug 60

122,531

Rigorous Solution of the Problem of an Open-ended Parallel-Plate Waveguide, by L. A. Vainshtein, 35 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII, No 2, 1948, pp 144-167.

SLA/ Sci Tr Center
RT-1480

Scientific - Physics

18,926

On the Theory of Diffraction by two Parallel
Half-planes, by L. A. Vainshtein, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XII, No 2, 1948, pp 166-180.

SLA/ Sci Tr Center
RT-1481

Scientific - ~~Phys~~Physics

18,924

Line Shape and Line Shift for Ions in the Positive
Beam of Gas Discharge, by S. E. Frish, Yu. M. Kagan,
6 pp.

RUSSIAN, per, Invent Akad Nauk SSSR Ser Fiz, Vol XII,
1948, pp358-61.

AEC Tr 2573

~~AT 664067 (Abstract)~~

~~GA 2 37202~~

Sci - Physics
Nov 56 CTS

40,443

Excitation Temperature in the Plasma of Gas
Discharge, by A. D. Sakhmurov, 5 pp.

RUSSIAN, per, Levest Akad Nauk SSSR Ser Fiz, Vol XII,
1948, pp 372-5.

ABC Tr 2574

~~AT 661057 (Abstract)~~

~~CS: 2-37509~~

Sci - Physics
Nov 56 GFB

40,444

53/49T 75

I-294

IAN, Ser. Fiz., Vol. XII, No. 4, 1948

" Use of Spectrum Anal. ---
M. N. Shtutman

53/49T77

I-294

IAN, Spr. Fiz. No. 4, 1948 1p.

"An Experiment in the Work of ---
L.V. Drutskaya

PENKIN, N. F.
SHUKHTIN, A. M.

Determination of the Population of Atomic Levels by
the Method of Reversal.

RUSSIAN, Iz Ak Nauk SSSR, Ser Fiz, Vol XII, No 4,
1948, pp 375 - 381.

AEC Tr 571

Investigation of "Excitation Temperature" and Gas
Temperature as a Function of Pressure in an
Intermediate Glow-arc Discharge, by V. P. Syshov,
4 pp.

RUSSIAN, per, Izvest Akad Nauk SSSR Ser Fiz.
Vol XII, 1948, pp 382-5.

AEC Tr 2775

~~AT 654067 (abstract)~~

~~CSA-C-37529~~

Sci - Physics
NOV 56 CTD

40, 445

Spectral Analysis of Ores and Technological
Products for Germanium and Molybden, by M. E.
Britske and L. N. Varshavskaya, 4 pp.
UNCLASSIFIED

RUSSIAN, bimonthly per, Iz Ak Nauk SSSR Ser fiz,
Vol XII, No 4, 1948, pp 455, 456.

Air Res & Dev Command
Baltimore, Md.

T-33 R U +

Scientific - Physics
May 1954 CTS/DEX

12,080

Possible Uses of the Spectroscopic Method of Analysis
in Questions of the Correlation of Coal Deposits,
by V. V. Zinov'ev, UNCLASSIFIED

RUSSIAN, Iz Ak Nauk SSSR, Ser Fiz, 1948, Vol 12,
No 4, pp 475-476.

Sci Mus Lib No 52/2945

Scientific -

25 October 1952

IZ AK NAUK SSSR, SER FIZ Vol XII, No 5, 6 $\frac{1}{4}$ pp,
Sep/Oct 48

"Use of a Spectrophone for Determining the Rate of
Conversion of Vibrational Energy of a Molecule Into
Energy of Progressive Motion"

I. V. Slobodskaya

Proj 5605
Not published

A-1280.1

SR 13 Jun 1950 19/49T84

Fluorescence of 3, 4 Benzpyrene and Certain
Applications of Fluorescence in Spectroscopic Analysis,
by A. A. Il'ina, V. V. Bazihevich.
RUSSIAN, per, Iz Ser Fiz Ak Nauk SSSR, Vol XII,
No 5, 1948, pp 527-532.
OSLA TT 64-18570

Sept 66

309,759

Absorption Spectrum of Photochemically Colored
Silver Halide, by E. A. Kirillov, 12 pp.

RUSSIAN, per, Izvestiya Akad. Nauk SSSR, Seriya
Fizicheskaya, Vol XII, No 5, 1948, pp 533-540.

Sci Trans Center RT-3251

Scientific - Physics

~~52,699~~

32832

Apr 56

Foundations of the Qualitative Molecular Analysis
by the Method of Raman Spectra, by M. M. Sushchinskiy,
12 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII,
1948, pp 567-572.

CIA/FID XX-217

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry; Physics

Sep 56

~~See~~ IAC INTERNAL USE ONLY

39,276

Distribution of Energy in the Spectra of the
Combination Scatter, by P. P. Shorygin.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII,
No 5, 1948, pp 576-581.

Nat Res Lib

447.496

Sci. Res. Lib 54/3759

Scientific - Physics

Jan 55 CTS/DEX

20,842

On the Temperature Dependence of Light
Scattering Spectra, by E. F. Gross, P. P.
Pavinskiy, A. I. Stekhanov, 20 pp.

Fiz

RUSSIAN, mc per, Iz Ak Nauk SSSR, Zhur Ser,
Vol XII, No 6, 1948, pp 711-725.

Morris D. Friedman
Tr G-137

May 58

64,576

IZ AK NAUK SSSR, SER FIZ Vol XII, No 6, 8 pp, Nov/Dec 48

"Fine Structure of Gamma-Lines of RaC"

V. V. Gey
G. D. Latyshev
M. V. Pasechnik

Available at Brookhaven
See Guide to Russ Sci Per Lit,
Vol 2, No 8, Page 288

see also card 55/49T74

25/49T84

IZ AK NAUK SSSR, Ser Fiz " Vol. XIII, No 1, 8 pp, 1949

"The Phosphorescence Kinetics of Organic Substances"

B/ Ya. Sveshnikov

Navy Trans 264/NRL 316

RT-718

36/49T88

IZ AK NAUK SSSR, SER FIZ VOL XIII, No 1 Jan/Feb 49

15 pp

"Experimental Study of Energy Migration in Fluorescent Solutions"

S. I. Vabilov, M. D. Galanin, F. M. Pekerman

Navy 248

NFL 312

36/49T101

LAUSHEINA, M. M.
ROGOV, F. I.

IZVESTIYA AKADEMII NAUK SSSR, Ser. Fiz., vol 13, 1949

Detection of Defects by the Luminescent Method in the
Metal Industry

Brutcher 2431, \$2.30

IAN, Ser Fig No 6, 1949 P 710-16

"Development of Work on the
Focusing of Sound" L.D. Rozenberg

Proj 4708

CD 7025.4

IAN, Ser Fy, no 6, 1949 P 746-7

"Confer of Commission on
Acoustics, A.S."

Proj 4701

CD 7025.4

Iz Ak Nauk SSSR, Ser Fiz

Vol XIV No. 1 (Jan/Feb '50)

pp 15-24

"Stellar Associations &
the Origin of Stars"

V.A. Ambartsumyan

#

6588

Date:

SR: 21.07.17.

{ CD-7476.1

IAN, Ser 7.4j Vol 13, #6, 12 pp (1453)
pp 621-630

Evolution of Law, Accompanied by Corporal
Radiation

A. B. Macenich

ki New Lit # 50/1807
St. Birt

154 T3